Micro Hi-Fi System

MCM700

User manual
Manuel d'utilisation
Manual del usuario
Benutzerhandücher
Gebruikershandleidingen
Manuale per l'utente
Användarhandböckerna
Brugermanual
Käyttöoppaita
Manual do usuário
εγχειρίδιο χρήσης

PHILIPS

Important notes for users in the U.K.

Mains plug

This apparatus is fitted with an approved 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1 Remove fuse cover and fuse.

2 Fix new fuse which should be a BS1362 5 Amp, A.S.T.A. or BSI approved type.

3 Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.

Note: The severed plug must be disposed of to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

How to connect a plug

The wires in the mains lead are coloured with the following code: blue = neutral (N), brown = live (L).

● As these colours may not correspond with the colour markings identifying the terminals in your plug, proceed as follows:

– Connect the blue wire to the terminal marked N or coloured black.

– Connect the brown wire to the terminal marked L or coloured red.

– Do not connect either wire to the earth terminal in the plug, marked E (or ⏚) or coloured green (or green and yellow).

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Copyright in the U.K.

Recording and playback of material may require consent. See Copyright Act 1956 and The Performer's Protection Acts 1958 to 1972.

Italia

DICHIARAZIONE DI CONFORMITA'

Si dichiara che l'apparecchio MCM700 Philips risponde alle prescrizioni dell'art. 2 comma 1 del D.M. 28 Agosto 1995 n. 548.

Fatto a Eindhoven

Philips Consumer Electronics
Philips, Glaslaan 2
5616 JB Eindhoven, The Netherlands

Norge

Typeskilt finnes på apparatens underside.

Observer: Nettbryteren er sekundert innkoplet. Den innebygde netdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.
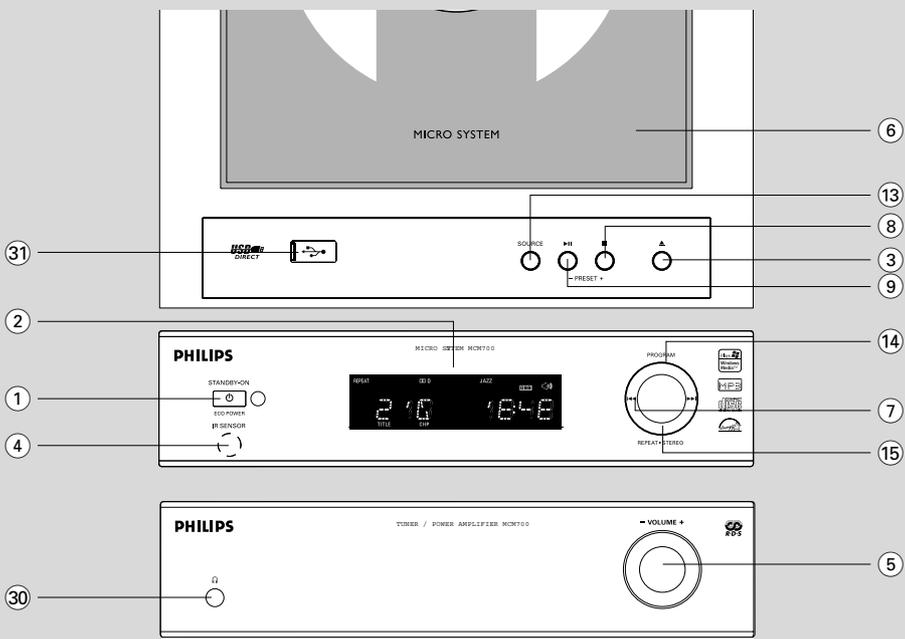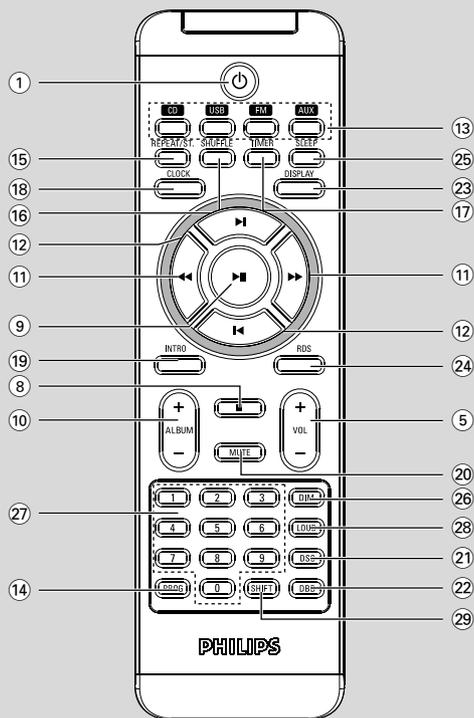
For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

CAUTION

Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

VAROITUS

Muiden kuin tässä esitettyjen toimintojen säädön tai asetusten muutto saattaa altistaa vaaralliselle säteilylle tai muille vaarallisille toiminnoille.

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⑯ ⑰

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DK

Advarsel: Usynlig laserstråling ved åbning når sikkerhedsafbrydere er ude af funktion. Undgå utsættelse for stråling.

Bemærk: Netafbryderen er sekundært indkoblet og ofbryder ikke strømmen fra nettet. Den indbyggede netdel er derfor tilsluttet til lysnettet så længe netstikket sidder i stikkontakten.

S

Klass 1 laseraparat
Varning! Om apparaten används på annat sätt än i denna bruksanvisning specificerats, kan användaren utsättas för osynlig laserstrålning, som överskrider gränsen för laserklass 1.

Observera! Stömbrytaren är sekundärt kopplad och bryter inte strömmen från nätet. Den inbyggda nätdelen är därför ansluten till elnätet så länge stickproppen sitter i vägguttaget.

SF

Luokan 1 laserlaite
Varoitus! Laitteen käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

Oikeus muutoksiin varataan. Laite ei saa olla alttiina tippu-ja roiskevedelle.

Huom. Toiminnanvalitsin on kytketty toisiopuolelle, eikä se kytke laitetta irti sähköverkosta. Sisäänrakennettu verkko-osa on kytkettynä sähköverkkoon aina silloin, kun pistoke on pistorasiassa.

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Contents

This product complies with the radio interference requirements of the European Community.

Environmental Information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Disposal of your old product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC

Please inform yourself about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

Supplied accessories

– 2 loudspeaker boxes
– remote control (with battery)
– FM antenna
– control cable

Safety Information

● Before operating the system, check that the operating voltage indicated on the typeplate of your system is identical with the voltage of your local power supply. If not, please consult your dealer.
● Place the system on a flat, hard and stable surface.
● Place the system in a location with adequate ventilation to prevent internal heat build-up in your system. Allow at least 10 cm (4 inches) clearance from the rear and the top of the unit and 5 cm (2 inches) from each side.
● The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
● Do not expose the system, batteries or discs to excessive moisture, rain, sand or heat sources caused by heating equipment or direct sunlight.
● No naked flame sources, such as lighted candles, should be placed on the apparatus.
● No objects filled with liquids, such as vases, shall be placed on the apparatus.
● Install this unit near the AC outlet and where the AC power plug can be reached easily.
● The apparatus shall not be exposed to dripping or splashing.
● If the system is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens of the disc unit inside the system. Should this occur, the CD player would not operate normally. Leave the power on for about one hour with no disc in the system until normal playback is possible.
● The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
● **When the system is switched to Standby mode, it is still consuming some power. To disconnect the system from the power supply completely, remove the AC power plug from the wall socket.**

General Information

Hearing Safety

Listen at a moderate volume.

● Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.

● Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So after prolonged listening, what sounds "normal" can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

To establish a safe volume level:

● Set your volume control at a low setting.

● Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

Listen for reasonable periods of time:

● Prolonged exposure to sound, even at normally "safe" levels, can also cause hearing loss.

● Be sure to use your equipment reasonably and take appropriate breaks.

Be sure to observe the following guidelines when using your headphones.

● Listen at reasonable volumes for reasonable periods of time.

● Be careful not to adjust the volume as your hearing adapts.

● Do not turn up the volume so high that you can't hear what's around you.

● You should use caution or temporarily discontinue use in potentially hazardous situations.

● Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

Speaker
(right)

FM antenna

Speaker
(left)
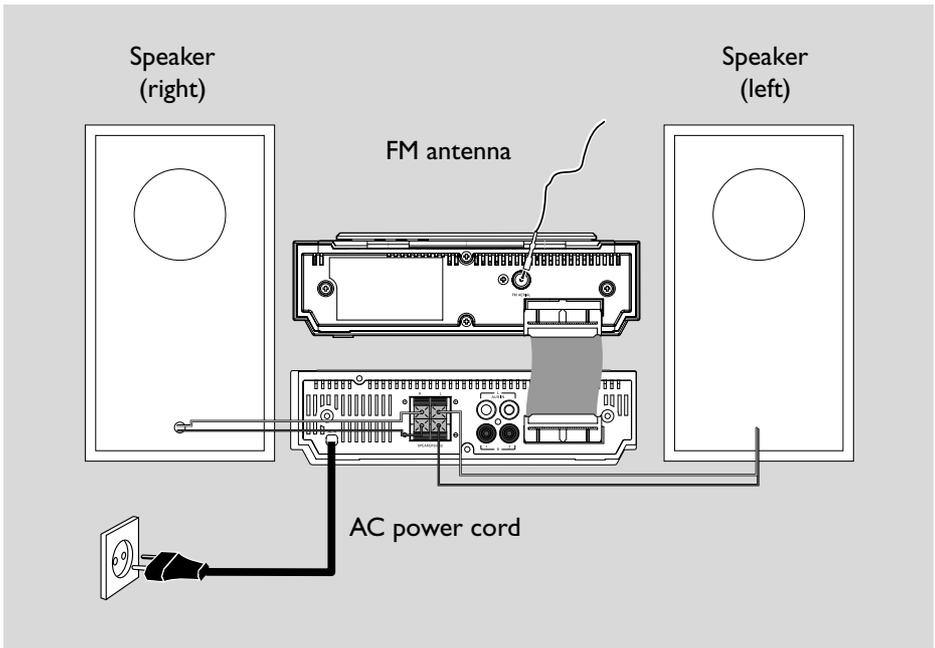
AC power cord

Rear connections

The type plate is located at the rear of the system.
For users in the U.K.: please follow the instructions on page 2.

A Power

Before connecting the AC power cord to the wall outlet, ensure that all other connections have been made.

Warning!
– For optimal performance, use only the original power cable.
– Never make or change any connections with the power switched on.

To avoid overheating of the system, a safety circuit has been built in. Therefore, your system may switch to Standby mode automatically under extreme conditions. If this happens, let the system cool down before reusing it (not available for all versions).

B Connecting the control cable

Connect the serial port marked "**CONTROL CABLE**" at the rear of the CD player to the same port at the rear of the power amplifier with the supplied flat control cable.

C FM antenna connection

Connect the supplied FM antenna to the **FM AERIAL** terminal. Fully extend and adjust the position of the antenna for optimal reception.
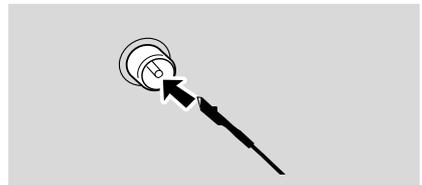
● For better FM stereo reception, connect an outdoor FM antenna to the FM AERIAL (FM ANTENNA) terminal.

Notes:
– This system does not support MW reception.

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Preparations

C Speakers Connection

Connect the speaker wires to the SPEAKERS (4Ω) terminals, right speaker to "**R**" and left speaker to "**L**", the wire marked in red to "**+**" and the wire marked in black to "**-**".
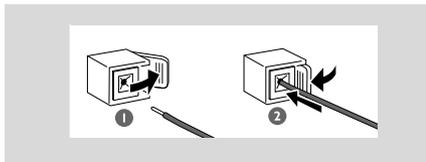

● Fully insert the stripped portion of the speaker wire into the terminal as shown.

Notes:

– For optimal sound performance, use the supplied speakers.

– Do not connect more than one speaker to any one pair of +/- speaker terminals.

– Do not connect speakers with an impedance lower than the speakers supplied. Please refer to the SPECIFICATIONS section of this manual.

D Optional connection

The optional equipment and connecting cords are not supplied. Refer to the operating instructions of the connected equipment for details.

Connecting a USB device or memory card

By connecting a USB mass storage device (including USB flash memory, USB flash players or memory cards) to the Hi-Fi system, you can enjoy the device's stored music through the powerful speakers of Hi-Fi system.
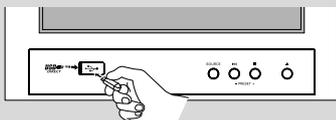
Slide the protective sheet on the USB socket to the right before plugging in the USB device.

● Insert the USB device's USB plug into the ⟵⟶• socket on the set.

OR

for the devices with USB cables:

❶ Insert one plug of the USB cable (not supplied) to the ⟵⟶• socket on the set.

❷ Insert the other plug of the USB cable to the USB output terminal of the USB device.

OR

for the memory card:

❶ Insert the memory card into a card reader (not supplied).

❷ Use a USB cable (not supplied) to connect the card reader into the ⟵⟶• socket on the set.

Connecting other equipment to your system

● Connect the audio left and right OUT terminals of a TV, VCR, Laser Disc player, DVD player or CD Recorder to the AUX IN (1 or 2) terminals.

Note:

– If you are connecting equipment with a mono output (a single audio out terminal), connect it to the AUX IN (1 or 2) left terminal. Alternatively, you can use a "single to double" cinch cable (the output sound still remain mono).

Before using the remote control

❶ Pull out the plastic protective sheet.

❷ Select the source you wish to control by pressing one of the source select keys on the remote control (for example DISC, FM).

❸ Then select the desired function (for example ► II , ◄◄ , ►►).

Remove the plastic protective sheet
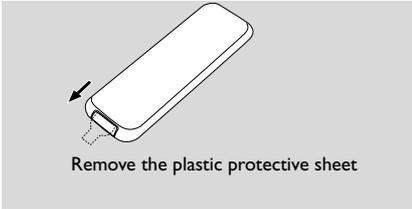
Replacing battery (lithium CR2025) into the remote control

❶ Press the slot on the battery compartment.

❷ Pull out the battery compartment.

❸ Replace a new battery and fully insert the battery compartment back to the original position.
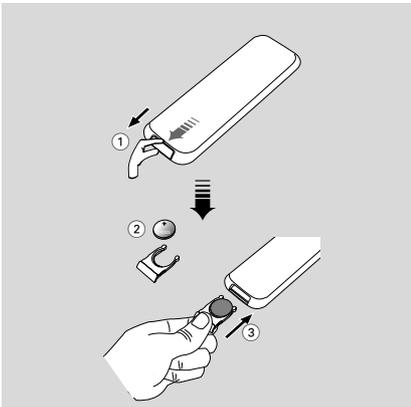
CAUTION!
Batteries contain chemical substances, so they should be disposed of properly.

Controls *(illustrations on page 3)*

Controls on the system and remote control

1 **STANDBY-ON/ECO POWER⏻**
− switches the system on or to Eco Power standby/normal standby with clock display.

2 **Display screen**
− shows the status of the system.

3 **⏏**
− opens/closes the CD door.

4 **IR SENSOR**
− remote sensor

5 **VOLUME −/+ (VOL +/−)**
− adjusts the volume level.
− adjusts the hours and minutes for the clock/timer function.

6 **CD Door**

7 **⏮◀/▶▶⏭**
for CD/MP3-CD/WMA/USB
  fast searches back and forward within a track/disc (press and hold).
  .... skips to the beginning of a current/previous/subsequent track.

8 **■/PRESET +**
− stops disc playback or erases a disc program.
− (for FM; on the system only) selects a preset radio station.

9 **▶ II/PRESET −**
− starts or interrupts playback.
− (for FM; on the system only) selects a preset radio station.

10 **ALBUM +/−**
for MP3-CD/WMA/USB   skips to the beginning of a current/previous/subsequent album.

11 **◀◀/▶▶**
for CD/MP3-CD/WMA/USB
  fast searches back and forward within a track/disc (press and hold).
  for FM .... tunes to radio stations (down/up).

12 **⏮ / ⏭**
for CD/MP3-CD/WMA/USB
  .... skips to the beginning of a current/previous/subsequent track.

13 **SOURCE**
− selects the respective sound source for CD/USB/FM/AUX (1 or 2).

14 **PROGRAM (PROG)**
for CD/MP3/USB programs tracks.
for FM .... programs radio stations.

15 **REPEAT/STEREO (REPEAT/ST.)**
for CD/MP3/WMA/USB   selects a repeat playback mode.
for FM .... sets stereo or mono sound mode.

16 **SHUFFLE**
− plays disc tracks randomly.

17 **TIMER**
− sets the timer function.

18 **CLOCK**
− sets the clock function.

19 **INTRO**
for CD/MP3/WMA/USB   starts scanning of all tracks.

20 **MUTE**
− interrupts and resumes sound production.

21 **DSC (Digital Sound Control)**
− selects sound characteristics: POP/JAZZ/CLASSIC/ROCK/FLAT.

22 **DBB (Dynamic Bass Boost)**
− enhances the bass.

23 **DISPLAY**
− selects different disc information display modes during playback.

24 **RDS**
− for FM, displays RDS information.

25 **SLEEP**
− selects the sleeper time.

26 **DIM**
– selects different levels of brightness for the display screen.

27 **Numerical Keypad (0~9)**
– (for CD/MP3) selects a track directly.

28 **LOUD**
– enables or disables automatic loudness adjustment.

29 **SHIFT**
– inputs a number larger than 10 (used together with the Numerical Keypad).
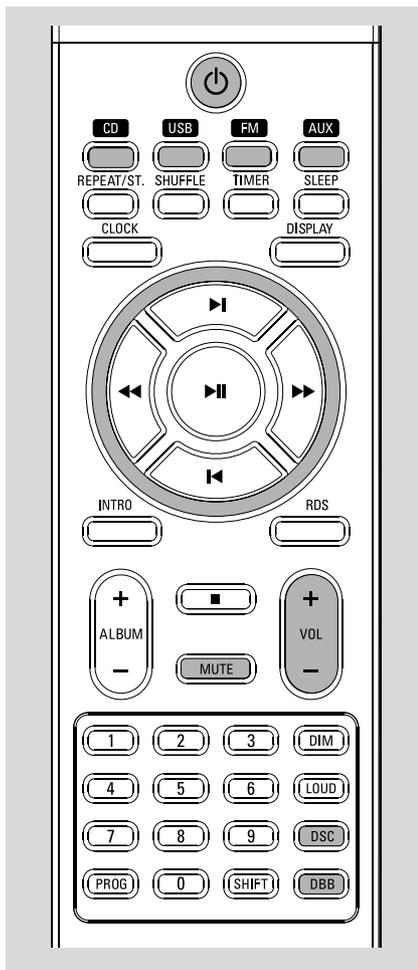
30 🎧
– connects a headphone.

31 **USB DIRECT** ⤙•
– jack for the external USB mass storage device.

Notes for remote control:
– First select the source you wish to control by pressing one of the source select keys on the remote control (for example CD, FM).
– Then select the desired function (for example ▶ II, ◀◀ , ▶▶).

Basic Functions

Important!
Before you operate the system, complete the preparation procedures.

Switching the system on

● Press **STANDBY-ON/ECO POWER** ⏻ (or ⏻ on the remote).
  → The system will switch to the last selected source.

● Press **SOURCE** on the top of the system or **CD**, **USB**, **FM** or **AUX** on the remote control.
  → The system will switch to the selected source.

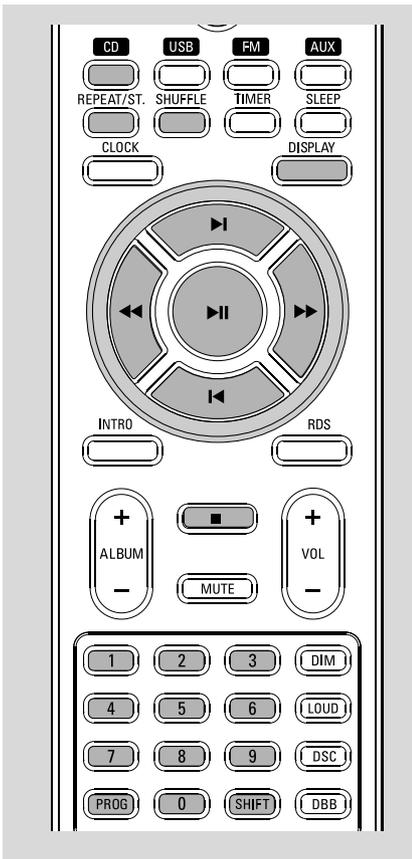## Switching the system to Eco Power Standby mode

● Press **STANDBY-ON/ECO POWER** ⏻ (or ⏻ on the remote).
  → The backlight for clock display is dim in standby.
  → The ECO POWER LED will be lighted.

● To view clock time in standby mode, press and hold **STANDBY-ON/ECO POWER** ⏻ on the front panel for more than 3 seconds or more.
  → The system enters the standby mode with clock display.

● The volume level (up to a maximum volume level of 12), interactive sound settings, last selected mode (ECO Power Standby or normal standby), source and tuner presets will be retained in the player's memory.

Power Saving Automatic Standby

As a power-saving feature, the system automatically switches to Eco Power/ Standby 15 minutes after a CD has reached the end and no control is operated.

Adjusting volume and sound

❶ Turn the **VOLUME -/+** knob or press **VOL +/-** on the remote to decrease or increase the volume.
  → Display shows the volume level VOL and a number from MIN 01, 02, ...30 MAX.

❷ Press **DSC** repeatedly to select the desired sound effect: **POP/JAZZ/CLASSIC/ROCK/FLAT**.

❸ Press **DBB** to switch bass enhancement on or off.
  → DBB appears when enabled and disappears when disabled.

❹ Press **MUTE** on the remote control to interrupt sound reproduction instantly.
  → Playback will continue without sound and MUTE will flash on the display.

● To activate sound reproduction you can:
  – press **MUTE** again;
  – adjust the volume controls;
  – change source.

❸ Insert a disc with the printed side facing up. Press ▲ again to close the compartment.
➜ *CLOSE* is displayed followed by *READ DISC* as the CD player scans the contents of a disc, and then playback starts automatically (if not, press ▶ **II**).

Basic playback controls

To play a disc

● Press ▶ **II** to start playback.
➜ The current track number and elapsed playing time of the track are displayed during disc playback.

To select a different track

● Press the control knob on the front panel to the left or right (corresponding to I◀◀/▶▶I) or press I◀ / ▶I on the remote once or repeatedly until the desired track number appears in the display.

● You can also use the **Numerical Keypad (0~9)** on the remote to select a track directly.

● To input a number larger than 10, press **SHIFT** on the remote once or more to select the first digit you want and then use the **Numerical Keypad (0~9)** to input the second digit.

● If you have selected a track number shortly after loading a disc or in the PAUSE position, you will need to press ▶ **II** to start playback.

Text display during playback

In CD mode

● Press **DISPLAY** on the remote control repeatedly to see the following information.
➜ Track number and elapsed playback time of current track.
➜ Track number and remaining playback time of current track.
➜ Track number and total remaining playback time.

In MP3-CD mode

● Press **DISPLAY** on the remote control to display the ID-3 information if available.

Important!
The lens of the CD player should never be touched.

Loading a disc

This CD player plays Audio Discs including CD Recordables, CD-Rewritables and MP3 CD.

● CD-ROM, CD-I, CDV, VCD, DVD or computer CDs, however, are not possible.

❶ Press **SOURCE** on the top of the system to select CD or press **CD** on the remote.

❷ Press ▲ to open the CD compartment.
➜ *OPEN* is displayed when the compartment cover slides up.

CD/MP3-CD Operation

To find a passage within a track

❶ Press and hold the control knob on the front panel to the left or right (corresponding to ⏮◀◀/▶▶⏭) or press ◀◀ /▶▶ on the remote.

❷ When you recognize the passage you want, release the control knob (◀◀ /▶▶ on the remote).
➜ Normal playback continues.

To stop playback

● Press ■.

To interrupt playback

● Press ▶ ❙❙ during playback.
➜ The display freezes and the elapsed playing time flashes when playback is interrupted.
➜ To resume, press ▶ ❙❙ again.

Notes:
CD play will also stop when;
– the CD door is opened.
– the disc has reached the end.
– you select another source: FM, USB or AUX.
– you select standby.
– the set auto off time arrives.

To scan all tracks in a disc

● Press **INTRO** on the remote to play the first 10 seconds of each track in the whole disc one by one.
➜ *INTRO* appears on the display.
➜ The playback will start from the first track of the current disc.

To stop scanning

● Press **INTRO** on the remote again until *INTRO* disappears.

Playing an MP3 disc

❶ Load an MP3 disc.
➜ The disc reading time may exceed 10 seconds due to the large number of songs compiled into one disc.

❷ Press **ALBUM +/-** on the remote to select a desired album.

❸ Press the control knob on the front panel to the left or right (corresponding to ⏮◀◀/▶▶⏭) or press ⏮◀ / ▶⏭ on the remote to select a desired track.
➜ The album number will change accordingly as you reach the first track of an album by pressing ⏮◀◀ (⏮◀ on the remote) or the last track of an album by pressing ▶▶⏭ (▶⏭ on the remote).

❹ Press ▶ ❙❙ to start playback.

Supported MP3 disc formats:
– ISO9660, Joliet
– Maximum title number: 512 (depending on filename length)
– Maximum album number: 255
– Supported sampling frequencies: 32 kHz, 44.1kHz, 48 kHz
– Supported Bit-rates: 32~256 (kbps), variable bitrates

Different play modes: SHUFFLE and REPEAT

You can select and change the various play modes before or during playback. The REPEAT modes can also be combined with PROGRAM.

1 To select your play mode, press **SHUFFLE** or **REPEAT** on the remote control before or during playback until the display shows the desired function.

➜ SHUFFLE appears if the shuffle playback is activated and disappears if deactivated.

➜ If REPEAT appears while TRK flashes on the display panel, it indicates to play the current track repeatedly.

➜ If REPEAT ALL is displayed, it indicates to play all tracks in the whole disc repeatedly.

➜ For an MP3 CD, if both REPEAT and TRK flash on the display panel, it indicates to play the current track repeatedly.

➜ For an MP3 CD, if both REPEAT and ALB flash on the display panel, it indicates to play the current album repeatedly.

2 Press ▶ II to start playback if in the STOP position.

➜ If you have selected SHUFFLE, playback starts automatically.

3 To return to normal playback, press the respective **SHUFFLE** or **REPEAT** button until REPEAT or SHUFFLE is no longer displayed.

● You can also press ■ to cancel your play mode.

Note:

– The Repeat and Shuffle functions cannot be activated simultaneously.

Programming track numbers

Program in the STOP position to select and store your disc tracks in the desired sequence. If you like, store any track more than once. Up to 20 tracks can be stored in the memory.

1 Press the control knob on the front panel of the system upward (corresponding to **PROGRAM**) or press **PROG** on the remote to enter the programming mode.

➜ A track number flashes.

2 Press the control knob on the front panel of the system to the left or right (corresonding to ◀◀/▶▶) or press ◀ / ▶ on the remote to select your desired track number.

● For an MP3 CD, Press **ALBUM +/-** on the remote to select a desired album number.

3 Press the control knob on the front panel of the system upward (corresponding to **PROGRAM**) or press **PROG** on the remote to confirm the track number to be stored.

➜ P-X displays, in which X denotes the next program number to be stored.

4 Repeat steps 2-3 to select and store all desired tracks.

➜ Playback starts automatically from the first track programmed if you attempt to program more than 20 tracks.

5 Press ■ to finish programming.

➜ PROG displays on the screen.

6 To start playback of your disc program, press ▶ II directly.

Erasing the program

You can erase the program by:

● pressing the control knob on the front panel of the system upward (corresponding to **PROGRAM**) or press **PROG** on the remote again;

● pressing ■ once in the STOP mode;

● pressing ■ twice during playback;

➜ PROG disappears.

● opening the CD compartment;

FM Radio Reception
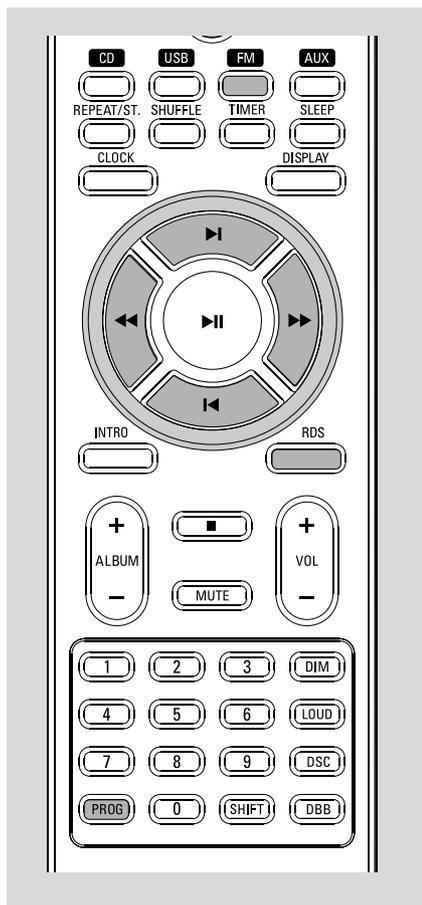
Tuning to radio stations

❶ Press **SOURCE** on the top of the system or **FM** on the remote to select FM.

❷ Press and hold the control knob on the front panel of the system to the left or right (corresponding to |◀◀/▶▶|) or ◀◀ /▶▶ on the remote.
→ The radio automatically tunes to a station with sufficient reception. Display indication during automatic tuning: SEARCH.

❸ Repeat step **2** if necessary until you find the desired station.

● To tune to a weak station, press the control knob on the front panel of the system to the left or right (corresponding to |◀◀/▶▶|) or ◀◀ / ▶▶ on the remote briefly and repeatedly until you have found optimal reception.

Programming radio stations

You can store up to a total of 20 FM radio stations in the memory.

Automatic programming

Automatic programming will start from preset 1 and stop at the last programmed station. All the former programmed radio stations will be overridden.

❶ Press **PRESET -/+** on the top of the system or |◀ / ▶| on the remote to select the preset number where programming should start.

Note:
– If no preset number is selected, default is preset (1) and all your presets will be overridden.

❷ Press and hold the control knob on the front panel upward (corresponding to **PROGRAM**) or **PROG** on the remote for more than 2 seconds to activate programming.
→ AUTO is displayed and available stations are programmed in order of waveband reception strength: RDS followed by FM. The last preset automatically stored will then be played.

Manual programming

❶ Tune to your desired station (see "Tuning to radio stations").

❷ Press the control knob on the front panel upward (corresponding to **PROGRAM**) or **PROG** on the remote to activate programming.

❸ Press **PRESET -/+** on the top of the system or |◀ / ▶| on the remote to allocate a number from 1 to 20 to this station.

❹ Press the control knob on the front panel upward (corresponding to **PROGRAM**) or **PROG** on the remote again to confirm the setting.
→ The preset number and the frequency of the preset station are shown.

❺ Repeat the above four steps to store other stations.

● You can override a preset station by storing another frequency in its place.

Tuning to preset radio stations

● Press **PRESET -/+** on the top of the system or |◀ / ▶| on the remote until the desired preset station is displayed.
● You can also use the **Numerical Keypad (0~9)** to input a number directly and tune to the station associated with this number.
● To input a number larger than 10, press **SHIFT** once or more to select the first digit you want and then use the **Numerical Keypad (0~9)** to input the second digit.

RDS

Radio Data System is a service that allows FM stations to show additional information. If you are receiving a RDS station, *R·D·S* and the station name are displayed.
When automatic programming is used, RDS stations will be programmed first.

Scrolling through different RDS information

● Press **RDS** on the remote control briefly and repeatedly to scroll through the following information (if available):
  – Station name
  – Programme type such as NEWS, SPORT, POP M ...
  – Radio text messages
  – Frequency

Setting the RDS clock

Some RDS radio station may be transmitting a real clock time at an interval of every minute. It is possible to set the clock by using a time signal which is broadcast together with the RDS signal.

❶ Tune to a RDS station.

❷ The system will read the RDS time and set the clock automatically.

Note:
– Some RDS radio station may be transmitting a real time clock at a minute interval. The accuracy of the transmitted time depends on the transmitting RDS radio station.

RDS Programme types

NO TYPE	No RDS programme type
NEWS	News services
AFFAIRS	Politics and current affairs
INFO	Special information programmes
SPORT	Sports
EDUCATE	Education and advanced training
DRAMA	Radio plays and literature
CULTURE	Culture, religion and society
SCIENCE	Science
VARIED	Entertainment programmes
POP M	Pop music
ROCK M	Rock music
MOR M	Light music
LIGHT M	Light classical music
CLASSICS	Classical music
OTHER M	Special music programmes
WEATHER	Weather
FINANCE	Finance
CHILDREN	Children's programmes
SOCIAL	Social Affairs
RELIGION	Religion
PHONE IN	Phone In
TRAVEL	Travel
LEISURE	Leisure
JAZZ	Jazz Music
COUNTRY	Country Music
NATION M	National Music
OLDIES	Oldies Music
FOLK M	Folk Music
DOCUMENT	Documentary
TEST	Alarm Test
ALARM	Alarm

External Sources

Using a non-USB device

❶ Connect the audio out terminals of the external equipment (TV, VCR, Laser Disc player, DVD player or CD Recorder) to the AUX terminals of your system.

❷ Press **SOURCE** repeatedly (or **AUX** on the remote control) to select external equipment.

Note:
– All the sound control features (DSC or DBB, for example) are available for selection.
– Refer to the operating instructions for the connected equipment for details.

Using a USB mass storage device

By connecting a USB mass storage device to the Hi-Fi system, you can enjoy the device's stored music through the powerful speakers of Hi-Fi system.

Playing a USB mass storage device
Compatible USB mass storage devices
With the Hi-Fi system, you can use:
– USB flash memory (USB 2.0 or USB1.1)
– USB flash players (USB 2.0 or USB1.1)
– memory cards (requires an additional card reader to work with this Hi-Fi system)

Notes:
– In some USB flash players (or memory devices), the stored contents are recorded using copyright protection technology. Such protected contents will be unplayable on any other devices (such as this Hi-Fi system).
– Compatibility of the USB connection on this micro system:
a) This micro system supports most USB Mass storage devices (MSD) that are compliant to the USB MSD standards.
i) Most common Mass storage class devices are flash drives, memory sticks, jump drives and etc.
ii) If you see a "Disc Drive" show up on your computer after you plugged the mass storage device into your computer, most likely it is MSD compliant and it will work with this micro system.

b) If your Mass storage device required a battery/ power source. Please make sure you have a fresh battery in it or charge the USB device first and then plug it into the micro system again.
– Supported Music type:
a) This device only supports unprotected music with the following file extension:
.mp3
.wma
b) Music bought from on-line music stores are not supported because they are secured by Digital Rights Management protection (DRM).
c) File name extensions that end with the following are not supported:
.wav; .m4a; .m4p; mp4; .aac and etc.
– No Direct connection can be made from Computer USB port to the micro system even you have either or both mp3 or wma files in your computer.

Supported formats:
– USB or memory file format FAT12, FAT16, FAT32 (sector size: 512 bytes)
– MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
– WMA v9 or earlier
– Directory nesting up to a maximum of 8 levels
– Number of albums/ folders: maximum 99
– Number of tracks/titles: maximum 400
– ID3 tag v2.0 or later
– File name in Unicode UTF8 (maximum length: 128 bytes)

The system will not play or support the following:
– Empty albums: an empty album is an album that does not contain MP3/WMA files, and will not be shown in the display.
– Non-supported file formats are skipped. This means that e.g.: Word documents .doc or MP3 files with extension .dlf are ignored and will not be played.
– AAC, WAV, PCM audio files
– DRM protected WMA files
– WMA files in Lossless format

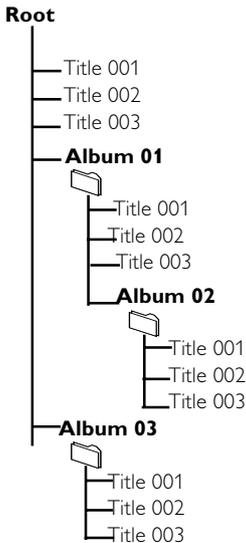**How to transfer music files from PC to a USB mass storage device**

By dragging and dropping music files, you can easily transfer your favorite music from PC to a USB mass storage device.
For the flash player, you can also use its music management software for the music transfer.
However, those WMA files may be unplayable for compatibility reasons.

How to organize your MP3/WMA files on the USB mass storage device
This Hi-Fi system will browse the MP3/WMA files in the folders/sub-folders/titles order:
Example:

Root

— Title 001
— Title 002
— Title 003
— **Album 01**
    — Title 001
    — Title 002
    — Title 003
    — **Album 02**
        — Title 001
        — Title 002
        — Title 003
— **Album 03**
    — Title 001
    — Title 002
    — Title 003

Organize your MP3/WMA files in different folders or subfolders as required.

Notes:
– If you have not organized MP3/WMA files into any albums on your disc, an album "01" will be automatically assigned for all those files.
– Make sure that the file names of MP3 files end with .mp3. and the file names of WMA files end with .wma.
– For DRM protected WMA files, use Windows Media Player 10 (or later) for conversion. Visit www.microsoft.com for details about Windows Media Player and WM DRM (Windows Media Digital Rights Management).

❶ Check the USB device has been properly connected. (See Installation: Connecting an additional appliance).

❷ Press **SOURCE** (**USB** on the remote) once or more to select USB.
– NO TRACK appears if no audio file is found in the USB device.

❸ Play the USB's audio files as you do with the albums/tracks on a CD (See CD/MP3 Operations).

Notes:
– For compatibility reasons, the album/track information may differ from what it is displayed through flash players' music management software.
– File names or ID3 tags will be displayed as --- if they are not in English.

Clock/Timer
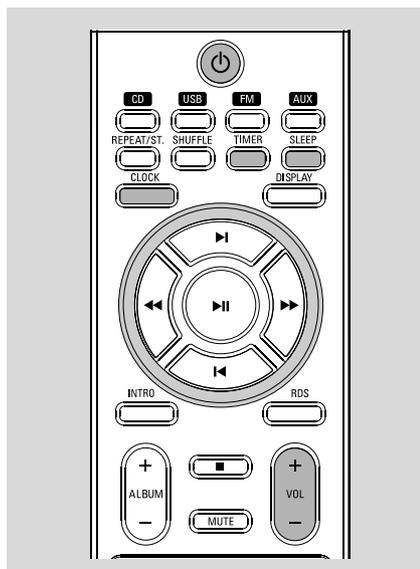
Setting the clock

❶ In Standby mode, press and hold **CLOCK** on the remote until the time flashes on the display.
➔ "SET CLOCK" is displayed briefly. Then, the hour digits flash on the display screen.

❷ Turn **VOLUME -/+** clockwise or anticlockwise or press **VOL +/-** on the remote to set the hours.

❸ Press **CLOCK** to confirm.
➔ The minute digits flash on the display screen.

❹ Turn **VOLUME -/+** clockwise or anticlockwise or press **VOL +/-** on the remote to set the minutes.

❺ Press **CLOCK** again to confirm the clock setting.

Notes:
– This system only supports 24-hour mode.
– The clock setting will be erased when the system is disconnected from the power supply.
– The system will exit clock setting mode if no button is pressed within 30 seconds.

Viewing the clock

● Press **CLOCK** in the active mode.
➔ The clock time is displayed.

Setting the timer

● The system can be used as an alarm clock, whereby the CD, USB, FM, AUX is switched on at a set time. The clock time needs to be set first before the timer can be used.

● During setting, if no button is pressed within 30 seconds, the system will exit timer setting mode automatically.

❶ Press and hold **TIMER** on the remote control until the time flashes on the display.
➔ "SET TIMER" is displayed briefly. Then, the hour digits flash on the display screen.

❷ Turn **VOLUME -/+** clockwise or anticlockwise or press **VOL +/-** on the remote to set the hours.

❸ Press **TIMER** to confirm.
➔ The minute digits flash on the display screen.

❹ Turn **VOLUME -/+** clockwise or anticlockwise or press **VOL +/-** on the remote to set the minutes.

❺ Press **TIMER** to confirm the time setting.
➔ "OFF" flashes on the display screen.

❻ Turn **VOLUME -/+** clockwise or anticlockwise or press **VOL +/-** on the remote to select "ON".
➔ 🕭 icon appears on the display screen.

To deactivate the timer

● Select "OFF" at Step 6.

Activating and deactivating SLEEP

The sleep timer enables the system to switch off by itself after a set period of time.

● Press **SLEEP** on the remote control.
➔ The display shows one of the sleep time options in the following sequence: SLEEP-OFF, SLEEP- 10, SLEEP-20, ... SLEEP-90, SLEEP-OFF ... Once the sleep funtion is activated, the SLEEP icon will be displayed.

● To deactivate, press **SLEEP** on the remote control once or more until OFF is shown, or press **STANDBY-ON/ ECO POWER** 🕛 (**or** 🕛 on the remote).
➔ SLEEP disappears.

AMPLIFIER

Output power .... 2 x 80 W RMS
Signal-to-noise ratio .... ≥ 70 dBA
Frequency response ...... 20 Hz – 20 KHz, ± 3 dB
Input sensitivity AUX .... 0.5 V (max. 2 V)
Impedance loudspeakers .... 4 Ω
Impedance headphones .... 32 Ω
Output power headphones .... <50 mW

CD PLAYER

Frequency range .... 20 Hz – 20 kHz
Signal-to-noise ratio .... 70 dBA

TUNER

FM wave range .... 87.5 – 108 MHz
Sensitivity at 75 Ω
– FM 20dBf
Selectivity .... ≥ 25 dB
Total harmonic distortion .... ≤ 1%
Frequency response
– FM .... 63 – 6000 Hz
Signal-to-noise-ratio
– FM .... ≥ 50 dBA

USB PLAYER

USB 12Mb/s, V1.1
 .... support MP3 and WMA files
Number of albums/folders .... maximum 99
Number of tracks/titles .... maximum 400

SPEAKERS

Bass reflex system
Dimensions (w x h x d) . 145 x 230 x 215 (mm)

GENERAL INFORMATION

AC Power .... 230 – 240 V / 50 Hz
Dimensions (w x h x d) . 208 x 156 x 268 (mm)
Weight(with/without speakers) ...... 4.30 / 2.31 kg
Standby power consumption .... <7 W
Eco power standby .... <1 W

Specifications and external appearance are subject to change without notice.

Maintenance

Cleaning the Cabinet

● Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

Cleaning Discs

● When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out.

● Do not use solvents such as benzene, thinner, commercially available cleaners, or antistatic spray intended for analogue records.

Cleaning the disc lens

● After prolonged use, dirt or dust may accumulate at the disc lens. To ensure good playback quality, clean the disc lens with Philips CD Lens Cleaner or any commercially available cleaner. Follow the instructions supplied with cleaner.

Troubleshooting

If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to remedy a problem by following these hints, consult your dealer or Philips for help.

Problem	Solution
"NO DISC" is displayed.	✔ Insert a disc.
	✔ Check if the disc is inserted upside down.
	✔ Wait until the moisture condensation at the lens has cleared.
	✔ Replace or clean the disc, see "Maintenance".
	✔ Use a finalised CD-RW or correct format disc.
Radio reception is poor.	✔ Increase the distance between the Micro HiFi System and your TV or VCR.
	✔ Hang up one end of the T-shape antenna and keep the other end at horizontal angle to it.
The system does not react when buttons are pressed.	✔ Remove and reconnect the AC power plug and switch on the system again.
Sound cannot be heard or is of poor quality.	✔ Adjust the volume.
	✔ Disconnect the headphones.
	✔ Check that the speakers are connected correctly.
	✔ Check if the stripped speaker wire is clamped.
The left and right sound outputs are reversed.	✔ Check the speaker connections and location.
The remote control does not function properly.	✔ Select the source (CD or FM, for example) before pressing the function button (▶ll, ◀◀ / ▶▶).
	✔ Reduce the distance between the remote control and the system.
	✔ Insert the battery with its polarities (+/– signs) aligned as indicated.
	✔ Replace the battery.
	✔ Point the remote control directly toward IR sensor on the front of the system.
The timer is not working.	✔ Set the clock correctly.
	✔ Switch on the timer.
The Clock/Timer setting is erased.	✔ Power has been interrupted or the power cord has been disconnected. Reset the clock/timer.

Problem	Solution
Some files on the USB device are not displayed.	✔ Check if the number of folders exceeds 99 or the number of titles exceeds 400.
" DEVICE NOT SUPPORTED **" scrolls on the display.**	✔ Remove the USB mass storage device or select another source.

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MCM700

**CLASS 1
LASER PRODUCT**